

| L Number | Hits | Search Text | DB | Time stamp |
|----------|------|---|---|---------------------|
| 3 | 726 | array with interposer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2003/11/30 15:37 |
| 10 | 26 | ("4710798" "5281151" "5360988" "5367403" "5367435" "5375042" "5378926" "5381039" "5399898" "5400220" "5434452" "5436203" "5450283" "5523622" "5635767" "5640051" "5652466" "5654590" "5661341" "5672911" "5710071" "5734560" "5763939" "5773882" "5777383" "5786630").PN. | USPAT | 2003/11/30 15:26 |
| 11 | 7 | ("4694138" "4710798" "5258648" "5370759" "5399898" "5399903" "5461197").PN. | USPAT | 2003/11/30 15:27 |
| 12 | 18 | 5773882.URPN. | USPAT | 2003/11/30 15:29 |
| 13 | 2 | ("5672912").PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT | 2003/11/30 15:38 |
| 14 | 5 | ("4710798" "5172303" "5239198" "5281151" "5521435").PN. | USPAT | 2003/11/30 15:38 |
| 15 | 15 | 5672912.URPN. | USPAT | 2003/11/30 15:38 |
| 16 | 17 | ("4341594" "4948754" "5506756" "5554887" "5672912" "5677576" "5683942" "5814894" "5834844" "5844304" "5851911" "5886415" "5925931" "5977641" "6043109" "6072236" "6117539").PN. | USPAT | 2003/11/30 15:41 |
| 17 | 6 | ("3832769" "4249302" "4811081" "5010038" "5225966" "5502889").PN. | USPAT | 2003/11/30 15:46 |
| 18 | 17 | 5886415.URPN. | USPAT | 2003/11/30 15:47 |
| 19 | 17 | ("3881799" "5148265" "5207887" "5307561" "5354205" "5412539" "5518964" "5629837" "5668405" "5706174" "5729051" "5886415" "5896271" "5925931" "6121688" "6157084" "6181569").PN. | USPAT | 2003/11/30 15:48 |
| - | 12 | ((("6146743") or ("6410960") or ("6028990"))).PN. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; | 2003/11/29 17:35 |
| - | 2674 | 257/758-759.ccls. | US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; | 2003/11/29 17:36 |
| - | 3445 | 257/778 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:36 |

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|---|---------|--|---|---------------------|
| - | 5722 | 257/787-796.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:39 |
| - | 3 | 257/758-759.ccls. and 257/778 and 257/787-796.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:41 |
| - | 2919085 | @ad>20000828 @rlad>20000828 @pt1d>20000828 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:41 |
| - | 3 | (257/758-759.ccls. and 257/778 and 257/787-796.ccls.) not (@ad>20000828 @rlad>20000828 @pt1d>20000828) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:43 |
| - | 2152 | 257/737,738.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:44 |
| - | 72 | 257/778 and 257/758-759.ccls. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:45 |
| - | 4565 | interposer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:53 |
| - | 313 | interposer and 257/778 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:53 |
| - | 305 | (interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:54 |
| - | 52 | (257/778 and 257/758-759.ccls.) not (@ad>20000828 @rlad>20000828 @pt1d>20000828) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/30 14:08 |
| - | 195 | ((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:56 |
| - | 176981 | encapsul\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:56 |

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|---|------|---|---|---------------------|
| - | 104 | ((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) and encapsul\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 17:56 |
| - | 6 | ("3871015" "4426773" "5266833" "5450283" "5612575" "RE36773").PN. | USPAT | 2003/11/29 18:07 |
| - | 6 | ("3871015" "4426773" "5266833" "5450283" "5612575" "RE36773").PN. | USPAT | 2003/11/29 18:09 |
| - | 11 | ("4604644" "4825284" "4970575" "4987100" "5107325" "5177669" "5222014" "5239198" "5249101" "5291062" "5311402").PN. | USPAT | 2003/11/29 18:10 |
| - | 23 | ("3118016" "3469684" "3777220" "3969754" "4052787" "4189524" "4231154" "4396457" "4413308" "4420767" "4480288" "4489923" "4509096" "4591659" "4626805" "4640866" "4681654" "4716124" "4755417" "4774127" "4791239" "4791248" "4810563").PN. | USPAT | 2003/11/29 18:12 |
| - | 11 | ("5258648" "5450283" "5468681" "5535101" "5598036" "5629566" "5703406" "5786271" "5796590" "5977632" "5990546").PN. | USPAT | 2003/11/29 18:20 |
| - | 4 | ("5222014" "5311059" "5450283" "5535101").PN. | USPAT | 2003/11/29 18:34 |
| - | 22 | 5990546.URPN. | USPAT | 2003/11/29 18:34 |
| - | 8 | ("4136356" "5332922" "5821624" "5949135" "5990546" "6080931" "6188127" "6278616").PN. | USPAT | 2003/11/29 19:22 |
| - | 14 | ("4703483" "5109320" "5323060" "5399898" "5401672" "5434453" "5446247" "5495394" "5541449" "5563773" "5576519" "5600541" "5760478" "5790384").PN. | USPAT | 2003/11/29 19:27 |
| - | 47 | 5977640.URPN. | USPAT | 2003/11/29 19:29 |
| - | 15 | ("3577037" "5347162" "5438224" "5468681" "5477160" "5483421" "5759047" "5786628" "5815374" "5918113" "5958590" "5965064" "5977640" "5984691" "6013948").PN. | USPAT | 2003/11/29 20:01 |
| - | 6 | ("5118370" "5120665" "5323051" "5352318" "5604160" "5661042").PN. | USPAT | 2003/11/29 20:04 |
| - | 6 | ("5118370" "5120665" "5323051" "5352318" "5604160" "5661042").PN. | USPAT | 2003/11/29 20:17 |
| - | 14 | ("4703483" "5109320" "5323060" "5399898" "5401672" "5434453" "5446247" "5495394" "5541449" "5563773" "5576519" "5600541" "5760478" "5790384").PN. | USPAT | 2003/11/29 20:24 |
| - | 4370 | interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:28 |

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|---|---------|---|---|---------------------|
| - | 1743260 | semiconductor integrated adj circuit ic | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:29 |
| - | 2833 | ((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic) bump ball | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:29 |
| - | 634395 | bump ball | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:29 |
| - | 1840 | ((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic) and (bump ball) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:29 |
| - | 775 | ((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:30 |
| - | 230 | ((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828) and encapsul\$ | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:39 |
| - | 9 | ("4685210" "4967950" "4999699" "5075965" "5130779" "5251806" "5261543" "5421083" "5439162").PN. | USPAT | 2003/11/29 20:36 |
| - | 36 | 5634268.URPN. | USPAT | 2003/11/29 20:36 |
| - | 332 | 257/758-759.ccls. and (257/737,738.ccls. 438/613-617.ccls (bump ball)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:40 |
| - | 176 | (257/758-759.ccls. and (257/737,738.ccls. 438/613-617.ccls (bump ball))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:40 |

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|---|------|---|---|---------------------|
| - | 172 | ((257/758-759.ccls. and (257/737,738.ccls. 438/613-617.ccls (bump ball))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) not ((((((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic)) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) and encapsul\$) (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:52 |
| - | 13 | ("4882454" "5072075" "5121190" "5483421" "5574630" "5615087" "5661089" "5798563" "5838063" "5894173" "5900675" "5926377" "5982630").PN. | USPAT | 2003/11/29 20:46 |
| - | 2 | 6351393.URPN. | USPAT | 2003/11/29 20:48 |
| - | 2498 | 257/758-759.ccls. not ((((((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic)) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) and encapsul\$) (((257/758-759.ccls. and (257/737,738.ccls. 438/613-617.ccls (bump ball))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) not ((((((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic)) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) and encapsul\$) (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:52 |

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|---|------|---|---|---------------------|
| - | 1706 | (257/758-759.ccls. not ((((((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic)) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) and encapsul\$) (((257/758-759.ccls. and (257/737,738.ccls. 438/613-617.ccls (bump ball))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) not ((((((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic)) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) and encapsul\$) (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828 @rlad>20000828 @pt1d>20000828)))))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828 @rlad>20000828 @pt1d>20000828)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:53 |
| - | 775 | (((interposer not (((interposer and 257/778) not ((257/778 and ((257/758 257/759).CCLS.)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) not (@ad>20000828 @rlad>20000828 @pt1d>20000828))) and (semiconductor integrated adj circuit ic)) and (bump ball)) not (@ad>20000828 @rlad>20000828 @pt1d>20000828)) and (257/737,738.ccls. 438/613-617.ccls. (bump ball)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/11/29 20:54 |
| - | 2 | ("5231751" "5677045").PN. | USPAT | 2003/11/29 20:58 |
| - | 9 | ("4483067" "5063171" "5490324" "5731231" "5753535" "5756379" "5756380" "5834336" "5874784").PN. | USPAT | 2003/11/29 21:14 |
| - | 7 | 5953592.URPN. | USPAT | 2003/11/29 21:15 |
| - | 7 | ("5604379" "5672912" "5874784" "5892271" "5953592" "6140707" "6232650").PN. | USPAT | 2003/11/29 21:17 |
| - | 5 | ("4710798" "5172303" "5239198" "5281151" "5521435").PN. | USPAT | 2003/11/29 21:28 |
| - | 15 | 5672912.URPN. | USPAT | 2003/11/29 21:29 |
| - | 11 | ("4722470" "5029325" "5083191" "5104688" "5229916" "5350947" "5431863" "5477611" "5602059" "5602419" "5668405").PN. | USPAT | 2003/11/29 21:36 |
| - | 61 | 5668405.URPN. | USPAT | 2003/11/29 21:37 |
| - | 24 | 5029325.URPN. | USPAT | 2003/11/29 21:39 |